

# Department of Environmental Facilities

## 2020 Executive Proposed Budget

# Core Programs & Functions

- **The Department of Environmental Facilities is comprised of 3 major divisions:**
  - **Sewer Districts**
  - **Refuse Disposal District #1**
  - **Water Districts**

# Core Programs & Functions

**The 2020 Environmental Facilities Budget supports the following:**

- 7 Water Resource Recovery Facilities; 42 Pumping Stations
- 194 miles of Trunk Sewers and Force mains
- Treat 50 billion gallons of wastewater per year
- 4 Solid Waste Transfer Stations; Material Recovery Facility; Household Materials Recovery Facility
- Dispose/Recycle 368,888 Tons per year Municipal and Privately collected Solid Waste at a Waste-to-Energy Facility that produces electricity
- Recycle approximately 210,000 tons of Recycled Waste (Organics, Paper, Plastics, metals and miscellaneous recyclable materials) from the County's waste stream
- Supply 10 billion gallons of drinking water per year

# Budget Summary – Sewer Districts

| ITEM                                   | 2019                 | 2020                 |
|--|----------------------|----------------------|
| <b>TOTAL POSITIONS</b>                 | <b>302</b>           | <b>302</b>           |
| Consolidated District Fund             |                      |                      |
| Personal Service                       | \$39,264,692         | \$39,536,194         |
| Equipment                              | \$653,000            | \$838,667            |
| Materials & Supplies                   | \$18,811,900         | \$19,434,411         |
| Contractual Expenses                   | \$17,294,596         | \$18,405,097         |
| Inter-Departmental Charges             | \$3,741,830          | \$3,670,983          |
| <b>Total Consolidated Expenditures</b> | <b>\$79,766,018</b>  | <b>\$81,885,352</b>  |
|  |                      |                      |
| Direct Taxing District Expenses        | \$43,783,878         | \$43,349,776         |
| <b>Grand Total Expenditures</b>        | <b>\$123,549,896</b> | <b>\$125,235,128</b> |

# Budget Summary – Sewer Districts

| ITEM                                | 2019                 | 2020                 |
|-------------------------------------|----------------------|----------------------|
| Departmental Revenue                | \$8,305,146          | \$7,715,727          |
|                                     |                      |                      |
| Fund Balance Appropriation          | \$11,794,014         | \$13,524,818         |
|                                     |                      |                      |
| <b>Tax Levy - Sewer Districts</b>   | <b>\$103,452,736</b> | <b>\$103,994,583</b> |
|                                     |                      |                      |
| <b>Total Sewer District Revenue</b> | <b>\$123,549,896</b> | <b>\$125,235,128</b> |
|                                     |                      |                      |

# Budget Summary – Water Districts

| ITEM                       | 2019                | 2020                |
|----------------------------|---------------------|---------------------|
| Operating Positions        | 8                   | 8                   |
| Trust Positions            | 0                   | 0                   |
| <b>TOTAL POSITIONS</b>     | <b>8</b>            | <b>8</b>            |
|                            |                     |                     |
| Personal Service           | \$1,136,543         | \$1,164,349         |
| Equipment                  | \$91,000            | \$70,000            |
| Materials & Supplies       | \$17,824,072        | \$17,836,072        |
| Contractual Expenses       | \$3,919,917         | \$4,229,239         |
| Inter-Departmental Charges | \$525,214           | \$536,021           |
|                            |                     |                     |
| <b>TOTAL EXPENDITURES</b>  | <b>\$23,496,746</b> | <b>\$23,835,681</b> |

# Budget Summary – Water Districts

| ITEM                              | 2019                | 2020                |
|-----------------------------------|---------------------|---------------------|
| Inter-Departmental Revenue        | \$0                 | \$0                 |
| Departmental Revenue              | \$18,688,620        | \$18,891,052        |
| State & Federal Aid               | \$0                 | \$0                 |
| Fund Balance Appropriation        | \$2,085,841         | \$2,222,344         |
|                                   |                     |                     |
| <b>Tax Levy - Water Districts</b> | <b>\$2,722,285</b>  | <b>\$2,722,285</b>  |
|                                   |                     |                     |
| <b>TOTAL REVENUE</b>              | <b>\$23,496,746</b> | <b>\$23,835,681</b> |

# Budget Summary – Refuse District

| ITEM                       | 2019                | 2020                |
|----------------------------|---------------------|---------------------|
| Operating Positions        | 26                  | 27                  |
| Trust Positions            | 0                   | 0                   |
| <b>TOTAL POSITIONS</b>     | <b>26</b>           | <b>27</b>           |
|                            |                     |                     |
| Personal Service           | \$3,426,478         | \$3,679,213         |
| Equipment                  | \$0                 | \$0                 |
| Materials & Supplies       | \$971,900           | \$1,015,346         |
| Contractual Expenses       | \$66,548,085        | \$68,536,715        |
| Inter-Departmental Charges | \$2,535,113         | \$2,587,955         |
|                            |                     |                     |
| <b>TOTAL EXPENDITURES</b>  | <b>\$73,481,576</b> | <b>\$75,819,229</b> |



# Budget Summary – Refuse District

| ITEM                              | 2019                | 2020                |
|-----------------------------------|---------------------|---------------------|
| Inter-Departmental Revenue        | \$0                 | \$0                 |
| Departmental Revenue              | \$18,267,660        | \$17,623,727        |
| State & Federal Aid               | \$0                 | \$0                 |
| Fund Balance Appropriation        | \$12,293,123        | \$15,816,556        |
|                                   |                     |                     |
| <b>Tax Levy - Refuse District</b> | <b>\$42,920,793</b> | <b>\$42,378,946</b> |
|                                   |                     |                     |
| <b>TOTAL REVENUE</b>              | <b>\$73,481,576</b> | <b>\$75,819,229</b> |

# New Initiatives & Highlights

- DEF will continue our Asset Management Pilot Program at the Mamaroneck Waste Water Treatment Facility (WRRF). The original pilot program was started at the Port Chester WRRF. The NYS DEC will conclude a pilot program with 10 communities across the state. The DEC plans to use the pilot program to develop regulations for asset management.
- The Solid Waste Division will be developing plans to divert food waste from the municipal solid waste stream. A comprehensive food waste study is reaching completion and information from this report will be used to develop policies and programs (both short term and long term) for handling municipal food waste.

# New Initiatives & Highlights

- The design of the stormwater diversion project (with regards to leachate collection) at the Yonkers Transfer Station/Materials Recovery Facility has been completed and construction will begin late 2019 and is scheduled to be completed no later than the end of 2020. The RFP for the design of the leachate collection system at the White Plains Transfer Station (Brockway) will be released in early 2020.
- The Capacity, Management, Operation and Maintenance (CMOM) Program for the County's sewer trunk system will continue. This consists of inspection, cleaning and repairs (where necessary) for our sewer trunk lines and manholes. Additionally, we are continuing our upgrades to various pumping stations based upon stations where equipment has reached the end of its useful life.

# New Initiatives & Highlights

- Continue our Engine Replacement Program at the Yonkers Joint Water Resource Recovery Facility. Work includes replacement of the engine driven blowers with high efficiency turbo blowers, scheduled to be completed by the end of 2020, and replacement of two existing engines with Anaerobic Digester Gas (ADG) engines which will operate on natural gas and digester gas. The Phase IV design (ADG Engine replacement) is scheduled to be completed mid 2020 and construction to start by the end of 2020.